

Abstract of the Disclosure

A method and apparatus enhances an image quality where original brightness data X_{ij} of a concerned pixel is compared with predetermined brightness levels $X1$ and $X2$, which are reference variables to obtain new brightness data Y_{ij} , with an enhanced contrast. The method sets initial values of a parameter V_b to calculate the brightness level $X1$, a parameter V_p to calculate the brightness level $X2$, the brightness level $X1$, and the brightness level $X2$, and compares the brightness data X_{ij} with V_b and V_p . The method resets V_b and V_p according to comparison results and identifies a background area according to the comparison results between the brightness data X_{ij} and parameter $X1$ or $X2$, and performs the contrast enhancement on pixels belonging to the background area, and updates the brightness levels $X1$ and $X2$ using V_b and V_p when the concerned pixel is the last one in the concerned line.